

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

To:
MICHAEL HOWARD HAWKINS
BALDWIN SHELSTON WATERS
PO BOX 852
WELLINGTON, NEW ZEALAND 6001

Date of Mailing (day/month/year)	19 NOV 2003
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Applicant's or agent's file reference
JT215171/142

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.
PCT/NZ02/00130

International filing date
(day/month/year)
24 July 2002 (24.07.2002)

Applicant
UNISYS CORPORATION

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34, chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90 *bis*.1 and 90 *bis*.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until **30 months** from the priority date (in some Offices even later); otherwise the applicant must, within **20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703)305-3230

Authorized officer

Thoi V. Duong *Diane Duong*
Telephone No. 703-308-3171

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference JT215171/142	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/NZ02/00130	International filing date (<i>day/month/year</i>) 24 July 2002 (24.07.2002)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant UNISYS CORPORATION		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the Report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐

contained in the international application in written form.

☐

filed together with the international application in computer readable form.

☐

furnished subsequently to this Authority in written form.

☐

furnished subsequently to this Authority in computer readable form.

☐

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the **title**,

☒

the text is approved as submitted by the applicant.

☐

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐

the text is approved as submitted by the applicant.

☒

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. 5

☐

as suggested by the applicant.

☐

because the applicant failed to suggest a figure.

☒

because this figure better characterizes the invention.

☐

None of the figures

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ02/00130

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

NEW ABSTRACT

The invention provides an optical layer (Fig. 1) having an array of light guides, the light guides being arranged such that when the optical layer is superimposed on an array of pixel devices arranged in a first lattice pattern, the light guides optically guide light from the pixel devices into a second lattice pattern. The invention also provides a display device for generating a pixellated image, the device having an array of pixel devices for generating the pixellated image, wherein each pixel in the image partially overlaps with at least one other pixel.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ02/00130

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G02F 1/1335 US CL : 349/61 According to International Patent Classification (IPC) or to both national classification and IPC																				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 349/61, 385/115, 385/116, 385/120 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched. Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) East																				
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 5,764,845 A (Nagatani et al.) 09 June 1998 (09.06.1998); Figs. 1A-2B, 15 and 16; col. 1, lines 6-19; and col. 7, line 63 through col. 8, line 39.</td> <td>1-7, 21-29 and 31 ----- 8-17, 19 and 20</td> </tr> <tr> <td>Y</td> <td>US 5,321,789 A (Kida et al.) 14 June 1994 (14.06.1994); Figs. 1, 2, 6, 7 and 14; col. 5, lines 44-52; col. 6, lines 30-45; col. 8, lines 60-68; and col. 9, lines 17-33.</td> <td></td> </tr> <tr> <td>X</td> <td>US 6,456,339 B1 (Surati et al.) 24 September 2002 (24.09.2002); Figs. 1, 2A, 2B, 14; col. 2, lines 50-56; and col. 22, lines 1-6.</td> <td>32-36 ----- 37</td> </tr> <tr> <td>Y</td> <td>US 5,311,337 A (McCartney, Jr.) 10 May 1994 (10.05.1994), Figs. 4A-5B.</td> <td></td> </tr> <tr> <td>Y</td> <td>US 6,456,339 B1 (Surati et al.) 24 September 2002 (24.09.2002); Fig. 8; and col. 15, lines 6-19.</td> <td>18 and 30</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 5,764,845 A (Nagatani et al.) 09 June 1998 (09.06.1998); Figs. 1A-2B, 15 and 16; col. 1, lines 6-19; and col. 7, line 63 through col. 8, line 39.	1-7, 21-29 and 31 ----- 8-17, 19 and 20	Y	US 5,321,789 A (Kida et al.) 14 June 1994 (14.06.1994); Figs. 1, 2, 6, 7 and 14; col. 5, lines 44-52; col. 6, lines 30-45; col. 8, lines 60-68; and col. 9, lines 17-33.		X	US 6,456,339 B1 (Surati et al.) 24 September 2002 (24.09.2002); Figs. 1, 2A, 2B, 14; col. 2, lines 50-56; and col. 22, lines 1-6.	32-36 ----- 37	Y	US 5,311,337 A (McCartney, Jr.) 10 May 1994 (10.05.1994), Figs. 4A-5B.		Y	US 6,456,339 B1 (Surati et al.) 24 September 2002 (24.09.2002); Fig. 8; and col. 15, lines 6-19.	18 and 30
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<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																				
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		Authorized officer Thoi V. Duong <i>Diane Smith</i> Telephone No. 703-308-3171																		